



3761
KCC 4948 (K-C 17,907)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Beth A. Lange et al. Art Unit 3761
Serial No. 10/608,661
Filed June 27, 2003
Confirmation No. 7070
For WIPE COMPRISING A PATHOGEN SELECTIVE ANTIMICROBIAL

September 25, 2003

TO THE COMMISSIONER FOR PATENTS,

SIR:

RECEIVED
OCT 02 2003
TECHNOLOGY CENTER R9799

INFORMATION DISCLOSURE STATEMENT

* In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit copies of the references listed on the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein.

Copies of the following references have not been provided in accordance with 37 C.F.R. § 1.98(b) because they are of record in prior application no. 10/029,404, filed December 20, 2001 and relied upon for an earlier filing date under 35 U.S.C. § 120: 3-4, 6-8, 12-13, 18, 20-24, 26, 29, 32, 34, 37-39, 42, 44-45, 47-55, 57-58, 64, 67, 70, 74-75, 79, 81-82, 85 and 87-88.


Respectfully submitted,

Christopher M. Goff, Reg. No. 41,785
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400



CERTIFICATE OF MAILING

I certify that this Information Disclosure Statement in the application of Beth A. Lange et al., Serial No. 10/608,661, filed June 27, 2003 is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this 25th day of September, 2003.


Valarie L. McLaurin

CMG/LJH/vlm

RECEIVED

OCT 02 2003

TECHNOLOGY CENTER R3700

PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Complete if Known

Application Number	10/608,661
Filing Date	June 27, 2003
Confirmation Number	7070
First Named Inventor	Beth A. Lange
Group Art Unit	3761
Examiner Name	TBA

Sheet 1 of 7 Attorney Docket No. KCC 4948 (17,907)


U.S. PATENT DOCUMENTS
RECEIVED
OCT 02 2003

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	4,100,324		Anderson et al.	07-11-1978
	2	4,167,559		Michel, G.H.	09-11-1979
	3	4,657,766		Goodall	04-14-1987
	4	4,772,479		Goodall	09-20-1988
	5	4,798,603		Meyer et al.	01-17-1989
	6	4,828,860		Goodall	05-09-1989
	7	5,017,562		Holmes et al.	05-21-1991
	8	5,139,779		McNeff	08-18-1992
	9	5,176,668		Bernardin	01-05-1993
	10	5,176,672		Bruemmer et al.	01-05-1993
	11	5,192,606		Proxmire et al.	03-09-1993
	12	5,279,838		McNeff	01-18-1994

TECHNOLOGY CENTER R3700
**Examiner
Signature**
**Date
Considered**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
RECEIVED

OCT 02 2003

TECHNOLOGY CENTER #3709


Complete if Known

Application Number	10/608,661
Filing Date	June 27, 2003
Confirmation Number	7070
First Named Inventor	Beth A. Lange
Group Art Unit	3761
Examiner Name	TBA

Sheet	2	of	7	Attorney Docket No.	KCC 4948 (17,907)
-------	---	----	---	---------------------	-------------------

	13	5,306,487		Karapasha et al.	04-26-1994
	14	5,364,382		Latimer et al.	11-15-1994
	15	5,482,765		Bradley et al.	01-09-1996
	16	5,486,166		Bishop et al.	01-23-1996
	17	5,490,846		Ellis et al.	02-13-1996
	18	5,507,250		Reddy et al.	04-16-1996
	19	5,509,915		Hansen et al.	04-23-1996
	20	5,518,750		Mcneff	05-21-1996
	21	5,525,346		Hartung et al.	06-11-1996
	22	5,723,149		Bonte et al.	03-03-1998
	23	5,797,891		Wiersma	08-25-1998
	24	5,800,818		Prugnaud et al.	09-01-1998
	25	5,843,056		Good et al.	12-01-1998
	26	5,860,391		Maxwell et al.	01-19-1999
	27	5,879,341		Odorzynski et al.	03-09-1999
	28	5,906,825		Seabrook, Jr. et al.	05-25-1999
	29	5,932,495		Boney et al.	08-03-1999
	30	6,057,372		Nobuhiro et al.	05-02-2000

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
RECEIVED
OCT 02 2003
TECHNOLOGY CENTER #8700

Complete if Known

Application Number	10/608,661
Filing Date	June 27, 2003
Confirmation Number	7070
First Named Inventor	Beth A. Lange
Group Art Unit	3761
Examiner Name	TBA

Sheet	3	of	7	Attorney Docket No.	KCC 4948 (17,907)
-------	---	----	---	---------------------	-------------------

	31	6,063,382		Nakajima et al.	05-16-2000
	32	6,228,265	B1	Henderson, G. M.	05-08-2001
	33	6,309,736	B1	McCormack et al.	10-30-2001
	34	6,338,855	B1	Albacarys et al.	01-15-2002
	35	6,485,734	B1	Baker et al.	11-26-2002
	36	US 2002/0119173	A1	Lin et al.	08-29-2002
	37	US 2002/0136755	A1	Tyrell et al.	09-26-2002
	38	US 2003/0035785	A1	Palumbo et al.	02-20-2003
	39	US 2003/0105445	A1	Lange et al.	06-05-2003
	40	US 2003/0118475	A1	Koenig et al.	06-26-2003
	41	US 2003/0120228	A1	Koenig et al.	06-26-2003

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
	42	DE	100 01 712	A1	Fleckenstein et al.	12-21-2000	
	43	EP	0 565 266	B1	Griffin Corporation	01-27-1999	

**Examiner
Signature**
**Date
Considered**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

OCT 02 2003

TECHNOLOGY CENTER R3700

Complete if Known

Application Number	10/608,661
Filing Date	June 27, 2003
Confirmation Number	7070
First Named Inventor	Beth A. Lange
Group Art Unit	3761
Examiner Name	TBA

Sheet	4	of	7	Attorney Docket No.	KCC 4948 (17,907)
-------	---	----	---	---------------------	-------------------

	44	EP	0 604 769	A2	Pirotte	07-06-1994	
	45	EP	0 614 597	A1	Inaba et al.	09-14-1994	
	46	EP	0 776 760	B1	Ranpak Corp.	05-06-1999	
	47	JP	61 291503	A	Takebe	12-22-1986	
	48	JP	4016163	A2	Masayasu et al.	01-21-1992	
	49	JP	4074105	A2	Masayasu et al.	03-09-1992	
	50	JP	7149608	A2	Kokichi et al.	06-13-1995	
	51	JP	8019595	A2	Kokichi	01-23-1996	
	52	JP	8119872	A2	Mikio et al.	05-14-1996	
	53	JP	9187229	A2	Michiya et al.	07-22-1997	
	54	JP	9328410	A2	Tsutomu	12-22-1997	
	55	JP	10045566	A2	Tsutomu	02-17-1998	
	56	JP	11147818 Abstract	A	Yushiro Chem Ind Co Ltd	06-02-1999	
	57	JP	11200245	A2	Makiko	07-27-1999	
	58	JP	11322630	A2	Nobuyuki et al.	11-24-1999	
	59	JP	2001-039812 Abstract	A	Maruzen Pharmaceut Co Ltd	02-13-2001	
	60	JP	2000-169320 Abstract		Nippon Zetokk	06-20-2000	

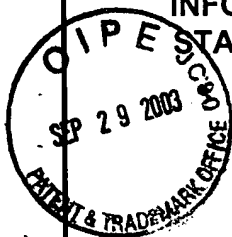
Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

RECEIVED

OCT 02 2003

TECHNOLOGY CENTER

Complete if Known

Application Number	10/608,661
Filing Date	June 27, 2003
Confirmation Number	7070
First Named Inventor	Beth A. Lange
Group Art Unit	3761
Examiner Name	TBA
Attorney Docket No.	KCC 4948 (17,907)

Sheet

5

of

7

61	KR	218093 Title Only		Woosung Co Ltd	10-01-1999
62	WO	96/41528	A1	Proguard, Inc.	12-27-1996
63	WO	99/20258	A1	Magellan Companies, Inc.	04-29-1999
64	WO	00/64502		Krzysik et al.	11-02-2000
65	WO	01/95726	A1	SSL International PLC	12-20-2001
66	WO	02/51358	A2	Unilever PLC	07-04-2002
67	WO	02/51456	A2	Tyrrell et al.	07-04-2002

OTHER ART - NON PATENT LITERATURE DOCUMENTS


Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	68	FACEY et al., Investigation of Plants Used in Jamaican Folk Medicine for Anti-Bacterial Activity, J. Pharm. Pharmacol., (1999), pp. 1455-1460, Vol. 51:12	
	69	FARRINGTON, E., Diaper Dermatitis, Pediatr. Nurs. (1992), pp. 81-82, Vol. 18	
	70	FIERS, S. A., Breaking the Cycle: The Etiology of Incontinence Dermatitis and Evaluating and Using Skin Care Products, Ostomy/Wound Management, The Journal for Extended Patient Care Management, (1996), pp. 32-43, Vol. 42:3, USA	
	71	GNAN, S.O. et al., Inhibition of <i>Staphylococcus aureus</i> by aqueous Goiaba Extracts, Journal of Ethnopharmacology, (1999), pp. 103-108, Vol. 68	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  RECEIVED OCT 02 2003 TECHNOLOGY CENTER #0790				Application Number	10/608,661
				Filing Date	June 27, 2003
				Confirmation Number	7070
				First Named Inventor	Beth A. Lange
				Group Art Unit	3761
				Examiner Name	TBA
Sheet	6	of	7	Attorney Docket No.	KCC 4948 (17,907)

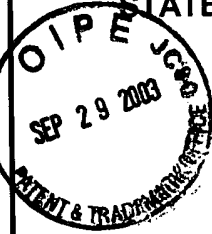
72	JANNIGER, C.K. et al., Diaper Dermatitis: An Approach to Prevention Employing Effective Diaper Care, Cutis, (1993), pp. 153-155, Vol. 52	
73	LI, X.-C. et al., Antifungal Jujubogenin Saponins from Colubrina Retusa, J. Nat. Prod., (1999), pp. 674-677, Vol. 62:5	
74	LOWE et al., The Ameliorating Effect of Yucca Schidigera Extract on Canine and Feline Faecal Aroma, Res Vet Sci, (1997), pp. 61-66, Vol. 63:1, Gilbertson and Page Ltd., Welwyn Garden City, USA, PMID 9368958, UI 98035433 (Abstract)	
75	LOWE et al., The Effect of Yucca Schidigera Extract on Canine and Feline Faecal Volatiles Occurring Concurrently with Faecal Aroma Amelioration, Res Vet Sci, (1997), pp. 67-71, Vol. 63:1, Gilbertson and Page Ltd., Welwyn Garden City, USA, PMID 9368959, UI 98035434 (Abstract)	
76	MIYAKOSHI, M. et al., Antiyeast Steroidal Saponins from <i>Yucca schidigera</i> (Mohave Yucca), A New Anti-Food-Deteriorating Agent, J. Nat. Prod., (2000), pp. 332-338, Vol. 63:3	
77	NOSTRO, A. et al., Extraction Methods and Bioautography for Evaluation of Medicinal Plant Antimicrobial Activity, Letters in Applied Microbiology, (2000), pp. 379-384, Vol. 30	
78	PAPADOPOULOU, K. et al., Compromised Disease Resistance in Saponin-Deficient Plants, Proceedings of the National Academy of Sciences of the U.S.A., (1999), pp. 12923-12928, Vol. 96:22	
79	SEN et al., Effect of Quillaja Saponaria Saponins and Yucca Schidigera Plant Extract on Growth of Escherichia Coli, Lett Appl Microbiol, (1998), pp. 35-38, Volume 27:1, Institute for Animal Production in the Tropics and Subtropics, University of Hohenheim, Stuttgart, Germany, PMID 9722995, UI 98390235 (Abstract)	
80	SIRES, U.I. et al., Diaper Dermatitis, How to Treat and Prevent, Postgraduate Medicine, (1995), pp. 79-84, Vol. 98:6	
81	TANAKO, et al., Application of Saponins in Foods and Cosmetics: Saponins of Mohave Yucca and Sapindus Mukurossi, Adv Exp Med Biol, (1996), pp. 1-11, Vol. 405, Suzugamine Women's College, Hiroshima, Japan, PMID 8910691, UI 97067277 (Abstract)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A				Compleat if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  RECEIVED OCT 02 2003 TECHNOLOGY CENTER R3700				Application Number	10/608,661
				Filing Date	June 27, 2003
				Confirmation Number	7070
				First Named Inventor	Beth A. Lange
				Group Art Unit	3761
				Examiner Name	TBA
Sheet	7	of	7	Attorney Docket No.	KCC 4948 (17,907)

	82	WALLACE, et al., Influence of Yucca Shidigera Extract on Ruminal Ammonia Concentrations and Ruminal Microorganisms, Appl Environ Microbiol, (1994), pp. 1762-1767, Vol. 60:6, Rowett Research Institute, Bucksburn, Aberdeen, United Kingdom, PMID 8031077, UI 94304158 (Abstract)	
	83	VAN SETTEN et al., Molecular Structures of Saponins from <i>Quillaja saponaria</i> Molina, Adv. Exp. Med. Biol., (1996), pp. 185-193, Vol. 404	
	84	WONG, D.L. et al., Diapering Choices: A Critical Review of the Issues, Pediatric Nursing, (1992), pp. 41-54, Vol. 18:1	
	85	YEO, et al., Effect of Feeding Diets Containing an Antibiotic, a Probiotic, or Yucca Extract on Growth and Intestinal Urease Activity in Broiler Chicks, Poult Sci, (1997), pp. 381-385, Vol. 76:2, Department of Animal Science, Cheju National University, Republic of Korea, PMID 9057222, UI 97210047 (Abstract)	
	86	Yucca Schidigera, Printout from Geocites Website	
	87	PCT International Search Report for International Application No. PCT/US 02/34952 dated 02/24/03	
	88	PCT International Search Report for International Application No. PCT/US 02/34951 dated 03/06/03	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.